Course title: Citrix XenApp (formerly Presentation Server)

What is it: Citrix XenApp is an on-demand supplication delivery solution that enables any Windows® application to be virtualized, centralized, and managed in the datacenter and instantly delivered as a service to users anywhere on any device. In use by over 100 million users worldwide, XenApp delivers on the promise of proven application compatibility.

Compared to traditional application deployment technology, Application delivery with XenApp enables organizations to improve application Management by:
- Centralizing applications in the datacenter to reduce costs
- Controlling and encrypting access to data and applications to improve security
- Delivering applications instantly to users anywhere.

In this Course:
- Overview of XenApp and what it can do for you, where it came from to get where it is today. We will also look at known issues and System Requirements.
- Planning your XenApp farm – Terminology and conceps, how to plan for a successful user experience, and hardware considerations
- Planning for applications and server loads, functions, How to use with AD environments, planning for monitoring and maintenance, shadowing, delivery and access, and pass through client authentication
- Installation and configuration – Preparing to install and configure Xenapp through the various tools and looking at the data store requirements. While Xenapp will install the SQL server 2008 express database, we will look at playing with SQL and Oracle databases.
- Migration – The Migration Center Interfaces. What you can migrate, the requirements and install, and how to migrate XenApp using the Graphical and Command Line interface.
- How to manage Xenapp to include management of Administrators, delivering services to subscribers, policies, session, and security.
- Publication of resources to include discussion of publication of App-V Sequences
- Enterprise management to include optimization of the WAN access Provision
- A look at the XenApp 6.5 Mobility Pack
- Indepth look at Security considerations in a XenApp Deployment and different examples of deployment.

Requirements:
- The student is responsible for building a Windows 2008 R2 system (we will do this a homework between session 1 and 3). This is 64 bit OS so you system needs to meet the following:
- CPU:
  - 64-bit architecture with Intel Pentium
  - Xeon family with Intel Extended Memory 64 Technology
  - AMD Opteron family
  - AMD Athlon 64 family

- o Compatible processor
- Memory: 2GB RAM (minimum)
- Disk space: up to 30GB

You can build your system Virtually (within VMware Workstation, VirtualPC) or it can be physical. If you want to build it virtually, your hardware needs to support virtualization at the CPU level (Intel VT-x or AMD-V) and you will need 4GB RAM.

While we will cover AD along with this, having access to an Active Directory system would be nice but isn't required (note: running XenApp on the same box as the DC isn't supported). While we also talk about SQL and Oracle support, having access to a system with one of these would be nice, but not a requirement.